

Date: Mon, 23 Aug 93 13:59:05 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1005  
To: Info-Hams

Info-Hams Digest                      Mon, 23 Aug 93                      Volume 93 : Issue 1005

Today's Topics:

        'Diversity Operation'?  
        access to ARRL library  
Daily Solar Geophysical Data Broadcast for 22 August  
        Galaxy G5 HELLLLPPPP!!!  
        How Long?  
        IC735, FT747, and TS140S Review?  
        ICOM repair  
        JOTA: Anyone know when it is? (2 msgs)  
        Kenwood SP100 external speaker unit wanted...  
        More details on Romeo's arrest in 5A ?  
        Public Relations Info Needed  
        QSL help: 9Q5GB (1980)  
        The Boring Bootlegger  
        The Net ADvertiser  
        VE vagaries (2 msgs)  
WANTED: Fisher R-200-B FM-AM Multi-Band Shortwave Tuner  
        Want Ten Tec OMNI elmer / help!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 23 Aug 93 11:04:42  
From: idacrd.ccr-p.ida.org!idacrd!n4hy@uunet.uu.net  
Subject: 'Diversity Operation'?  
To: info-hams@ucsd.edu

Klein:

Don't forget that the capacity is maintained by power agility and we would need Qualcomm technology put into an affordable form for us to be able to successfully utilize it. (Hint ;-).

Bob

--

-----  
Robert W. McGwier | n4hy@ccr-p.ida.org  
Center for Communications Research | Interests: amateur radio, astronomy, golf  
Princeton, N.J. 08520 | Asst Scoutmaster Troop 5700, Hightstown  
-----

Date: Mon, 23 Aug 93 13:06:50 GMT  
From: tijc02!jkl141@uunet.uu.net  
Subject: access to ARRL library  
To: info-hams@ucsd.edu

-----  
Date: 23 Aug 93 16:37:34 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Daily Solar Geophysical Data Broadcast for 22 August  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 234, 08/22/93  
10.7 FLUX=094.0 90-AVG=103 SSN=065 BKI=0222 1112 BAI=004  
BGND-XRAY=A6.8 FLU1=3.1E+06 FLU10=1.2E+04 PKI=1223 1122 PAI=006  
BOU-DEV=004,012,010,017,008,007,007,012 DEV-AVG=009 NT SWF=00:000  
XRAY-MAX= B1.3 @ 0842UT XRAY-MIN= A6.3 @ 1336UT XRAY-AVG= A8.6  
NEUTN-MAX= +003% @ 1945UT NEUTN-MIN= -002% @ 0615UT NEUTN-AVG= +0.6%  
PCA-MAX= +0.1DB @ 1450UT PCA-MIN= -0.2DB @ 2345UT PCA-AVG= -0.0DB  
BOUTF-MAX=55373NT @ 1322UT BOUTF-MIN=55341NT @ 1735UT BOUTF-AVG=55360NT  
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+079,+000,+000  
GOES6-MAX=P:+117NT@ 1836UT GOES6-MIN=N:-067NT@ 1625UT G6-AVG=+097,-005,-046  
FLUXFCST=STD:095,090,090;SESC:095,090,090 BAI/PAI-FCST=015,010,015/015,015,015  
KFCST=3334 4322 2234 3322 27DAY-AP=005,008 27DAY-KP=2211 1211 2112 2332  
WARNINGS=  
ALERTS=\*\*245STRM:1847-2219UTC  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 21 AUG 93 was 47.2.  
The Full Kp Indices for 21 AUG 93 are: 2- 2- 3- 3- 2- 2- 2- 1+

-----  
Date: Fri, 20 Aug 1993 11:31:26 -0500  
From: newsflash.concordia.ca!altitude!Nyongwa.CAM.ORG!mtlnet!  
mtlnet.gateway@uunet.uu.net  
Subject: Galaxy G5 HELLLPPPP!!!  
To: info-hams@ucsd.edu

Hi, I am having problems with our satellite at the cottage, since all the satellite owners have switched over to encoded audio signals. What I want to know, is if any of you have tried using the modem that can be bought for various receivers to download the new codes whenever they are issued?

Reply here.

Cheers and Thanks in advance..Mike

... Packet: ve3tph@ve3rzr.#scon.on.can.na  
\_\_\_ Blue Wave/QWK v2.12

-----  
Date: 23 Aug 93 20:43:10 GMT  
From: news.service.uci.edu!nntpsrv@network.ucsd.edu  
Subject: How Long?  
To: info-hams@ucsd.edu

In article <25b8cn\$b09@lester.appstate.edu> RW884@CONRAD.APPSTATE.EDU (Watkins, Robert Shawn ) writes:  
> Does anyone know how long it is currently taking to get tickets back from  
> the FCC? I took my Tech no code on July 17th and they told me 6-8 weeks.  
> I've since heard as long as 12. Can someone tell me how long before I should  
> start looking for it please?

I took mine on June 8 and is still waiting. Somebody else on the net told me ARRL is sending cards to new examinees telling them to wait for 12 weeks after their tests.  
Welcome to the club and 73's.

-----  
Date: 23 Aug 93 15:59:09 GMT

From: psinntp!arrl.org@uunet.uu.net  
Subject: IC735, FT747, and TS140S Review?  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, norton@joker.optics.rochester.edu (Scott Norton) writes:

>Also, if anyone knows when any of these transceivers were reviewed in  
>one of the popular magazines, Id also appreciate the reference.

A list of QST Product Reviews from about the past 10 years is available  
on the ARRL Automated Electronic Mail Server, info@arrl.org.

Send the following as the text of a message to info@arrl.org :

send product-review  
index  
help  
quit

73 from ARRL HQ, Ed

-----

Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.  
Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing

ehare@arrl.org

"You will never put the puzzle together  
if you keep putting all of the pieces  
back in the box." Colleen

-----

-----  
Date: 23 Aug 93 14:23:37 GMT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: ICOM repair  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, bbattles@arrl.org (Brian Battles WS10) writes:  
>In rec.radio.amateur.misc, jeffries@iastate.edu (Anthony G Jeffries) writes:

<drivel deleted>

> ICOM runs a major repair facility in Alabama, and its US HQ offices are in  
>Bellevue, Washington. ^^^^^^

Oops, I meant Atlanta, not Alabama (we Yankees easily confuse

southern places that start with "A"). But now I hear that they've moved their repair facility to their HQ in Bellevue. Hmmm...?

CUL es 73 de BB

```

*****
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor     I Fax      203-665-7531          I  do it with high
ARRL HQ                 I Internet bbattles@arrl.org        I  frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
*****

```

-----  
Date: 23 Aug 93 15:38:37 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: JOTA: Anyone know when it is?  
To: info-hams@ucsd.edu

Can anyone tell me when JOTA, the Jamboree-on-the-Air is this fall?  
This is the annual event  
that gets Boy/Cub Scouts talking to each other via Ham Radio, and  
provides great exposure  
for the hobby. I'd like to get my son's Patrol involved.

73, Gary KB1AIF thorburn@sceng.ub.com

-----  
Date: 23 Aug 1993 19:24:53 +0200  
From: mcsun!sun4n!hacktic!not-for-mail@uunet.uu.net  
Subject: JOTA: Anyone know when it is?  
To: info-hams@ucsd.edu

Gary\_Thorburn\_at\_Notes-Gate@sceng.UB.COM writes:

> Can anyone tell me when JOTA, the Jamboree-on-the-Air is this fall?  
> This is the annual event  
> that gets Boy/Cub Scouts talking to each other via Ham Radio, and  
> provides great exposure  
> for the hobby. I'd like to get my son's Patrol involved.

I believe it's October 23rd and 24th.

> 73, Gary KB1AIF thorburn@sceng.ub.com

73 es cul

-martin-

--

```
-----
| "I-Man satta on the mountain top. | Name      : Martin Heffels      |
| Watching Babylon burning red hot" | e-mail   : zap@hacktic.nl      |
| - War inna Babylon, Max Romeo -   | air-mail: PE1EEC@PI8JOP.NLD.EU |
-----
```

-----

Date: Wed, 18 Aug 1993 17:07:24 GMT  
From: munnari.oz.au!spool.mu.edu!nigel.msen.com!yale.edu!cs.yale.edu!  
ccsua.ctstateu.edu!white@network.ucsd.edu  
Subject: Kenwood SP100 external speaker unit wanted...  
To: info-hams@ucsd.edu

Hi  
I'm looking for a Kenwood SP-100 external speaker unit, new or used. Help?  
Thx  
Harry  
white@csusys.ctstateu.edu

-----

Date: 23 Aug 93 17:46:27 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: More details on Romeo's arrest in 5A ?  
To: info-hams@ucsd.edu

>This DXpedition coincided with the International Arab Summit being  
>held in Cairo, so National security throughout the region was at a fever  
>pitch. The Dxpediton was terminated when Danny and I were accused by  
>Libyan counter-intelligence and Egyptian police of planning to assassinate  
>both President Mubarek and Libyan Leader Quaddafy. To make matters worse  
>and even more bizarre, they said we were using ham radio as a cover for  
>illegal drug trafficking by communicating with Turkish ships in the  
>ports of Benghazi and Alexendria. We were both arrested and placed in the  
>Libyan prison and held incommunicado. This unpleasant experience, the  
>details of which I will not go into at this time, has caused my health to  
>ports of Benghazi and Alexendria. We were both arrested and placed in the  
>Libyan prison and held incommunicado. This unpleasant experience, the  
>details of which I will not go into at this time, has caused my health to  
>deteriorate greatly and I am currently under doctor's care and receiving  
>medical treatment.

... more

>In Romeo's release he also expressed his disappointment in the support  
>he received from the ham community during his ordeal. The unwarranted  
>and undeserved criticisms, along with false charges disturbed him a  
>great deal. Romeo's whole news release can be downloaded from the  
>BARF-80 BBS (under DX News and Rumors, bulletin 20) at 216-237-8208.

Anyone have more details of this nightmare ? (don't have LL modem access)  
I would like to get a copy of the complete news release if someone can forward  
it. Has the ARRL or any other country file a complaint ?

-Rich  
WB2JBS

-----  
Date: 23 Aug 93 14:39:56 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Public Relations Info Needed  
To: info-hams@ucsd.edu

Hello again fellow Hams

1. This post is being forwarded to ARRL.HQ

I am in need of PR information to start a membership drive here  
on our campus. I will be forming a University / Public Service  
/ Hobbie PR article for our F/S news paper and our Student News paper.  
This news item, hopefully will also be aired on the campus NPR Radio station

Any information you can give or advice <goodness, stuck my foot in my mouth on  
this one> to offer please let me know.

One piece of GOOD NEWS I found out about over the weekend is that  
a Fellow Amateur in the Ashland/Flatwoods Kentucky area is going to give  
the Greenup County Kentucky Rescue Squad Members a 2 day class on the  
NO Code Tech and then the evening of the second night of classes test them  
for their license.

I think this is a good thing.

73's

Tim Wright KD40VM

INTERNET: T.Wright@msuacad.morehead-st.edu  
FREENET: twright@freenet.scri.fsu.edu  
twright@freenet.fsu.edu  
twright@freenet.tlh.fl.us

-----  
Date: Mon, 23 Aug 93 07:15:09 PDT  
From: pa.dec.com!wrksys.enet.dec.com!reisert@decwrl.dec.com  
Subject: QSL help: 9Q5GB (1980)  
To: info-hams@ucsd.edu

I am trying to track down Gus Bangas who operated 9Q5GB in 1980. When last listed in W6G0 list in 1990, his home call was N0CZI. However, that callsign has expired, and I can't find Gus in a search-by-name of the latest on-line callbook.

Can anyone offer any assistance?

73 - Jim AD1C

--  
James J. Reisert            Internet: reiser@wrksys.enet.dec.com  
Digital Equipment Corp.    UUCP:            ...decwrl!wrksys.enet.dec.com!reisert  
146 Main Street    - ML03-6/C9    Voice:            508-493-5747  
Maynard, MA 01754        FAX:            508-493-0395

-----  
Date: Mon, 23 Aug 1993 14:44:32 GMT  
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!hplextra!hplb!hpwin052!hpmoea!dstock@ames.arpa  
Subject: The Boring Bootlegger  
To: info-hams@ucsd.edu

Derek Wills (oo7@emx.cc.utexas.edu) wrote:

: She could very well be a relative of  
: Julian N6ARE, who put her up to this in order to provide us with  
: entertainment for many weeks.

: Derek "vroom, QRZ? vroom vroom" Wills (AA5BT, G3NMX)

It would certainly be a fine jest. Here in the old country there is an old tradition of faking expensive possessions - the family that had a TV antenna erected 40 years ago, even though they could not afford the TV set itself but wanted to impress the neighbours - Fake cellphones and car antennae are still available. Did the person have a Hong-Kong blow moulded Icom look-alike?



I still think the string was interesting from the point of wondering "What should I do if I see someone who APPEARS to be breaking the law" I suppose I make a value judgement, we all see cars at sinful speeds every day, yet who drives to the cop-shop to report them? If I saw someone very drunk getting into a car, I think I'd then look for a phone. Perhaps people consider the risk of loss or injury. This net does make a lot of people look like armchair vigilantes. (If no-one broke laws on the North American continent, would it still be a British or Spanish colony?)

If it is, it's one of his best.

Cheers

David GM4ZNX

-----  
Date: 23 Aug 93 14:26:06 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: The Net ADvertiser  
To: info-hams@ucsd.edu

\*\*\*\*\*

Are you trying to sell your car, your home, your drums, your whole Jimi Hendrix's bootlegs collection?  
Are you going to rent your flat at Aspen for the summer time?  
Or maybe you are looking for a car, or for a new job, or for friends to spend all the nights watching Peter Greenaways's movies or playing Diplomacy. Even if you are offering jobs and managing a commercial company you can enter the world of:

## T H E   N E T   A D V E R T I S E R

The Net Advertiser is a mailing list created to give all the Internet community the opportunity to widespread private sales, rent, offer messages. Everybody can find a place in The Net Advertiser digest, even commercial companies.

This is a list maintained by the InfoNet Project, a group of computer science experts, students and consultants whose aim is the propagation of all kind of information across the Internet and CREN world.

Advertising in the digest is completely free, except for commercial companies which must submit a 75 \$ fee in order to support the InfoNet Project work.

For any information, subscription and submission write to:  
netad@uds01.unix.st.it.

\*\*\*\*\*

-----

Date: 23 Aug 93 12:41:48 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: VE vagaries  
To: info-hams@ucsd.edu

> tech+ callsign should be here in about three weeks. these ve's did  
> \*not\* want to hear about the tech+. i was told firmly that, they would  
> \*not\* hold my application till i got my new callsign (n8???), and  
> that in about 8 weeks time from today, when this new 610 with all

don't confuse the VEs with the VECs....the VEs have to get their stuff into the VEC in 10 days. I can usually have my stuff packed and into Airborne the same day (it only takes as long as it does because i put together a log of what examiners were there, who passed what and make up the PSA for the next month's exams...so when i'm finished, i have the airborne package, the PSAs for the local news sources (24 at last count), my file copies of the CSCEs and candidate roster in the filing cabinet and my computer files updated.)

the VEC holds everything until a package is complete so the FCC sees only completed paperwork that results in a new license issued. I'm certain the VECs would not mind dumping it all on the FCC except that it would gum up the works even more.

and by all means get your VE accreditation...we can always use the help.  
(good help can be \_so\_ hard to find...8) )

bill wb9ivr

-----

Date: 23 Aug 1993 13:34:22 GMT  
From: haven.umd.edu!darwin.sura.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!ksampath@ames.arpa  
Subject: VE vagaries  
To: info-hams@ucsd.edu

In article <9308231251.AA03734@ucsd.edu>

William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:

>> tech+ callsign should be here in about three weeks. these ve's did  
>> \*not\* want to hear about the tech+. i was told firmly that, they would  
>> \*not\* hold my application till i got my new callsign (n8???), and  
>> that in about 8 weeks time from today, when this new 610 with all  
>

... stuff ...

>  
>the VEC holds everything until a package is complete so the FCC sees only  
>completed paperwork that results in a new license issued. I'm certain the  
>VECs would not mind dumping it all on the FCC except that it would gum up the  
>works even more.  
>  
>and by all means get your VE accreditation...we can always use the help.  
>(good help can be \_so\_ hard to find...8) )  
>  
>bill wb9ivr

ok. now i have a novice callsign, waiting for tech+, upgraded to advanced.  
my current 610 \*seems\* complete, because it says i am currently a  
novice class \*license\* holder, with csce for tech+ through advanced,  
(section 1 atop 610, to be filled in by the ve's), which makes it  
eligible for a new call.

so, if i get this right, the vec, which has (likely, hopefully) sent  
my first 610 to fcc for tech+ upgrade, goes back over the records, and  
says "ah, here is a guy who has upgraded, and waiting for a new call,  
but here is yet another application from him for more upgrades and  
another new callsign. i am going to sit on this application until  
he sends me his copy of this new tech+ license."

is this correct or am i missing something obvious?

krishna  
kb8fav/aa

obvequery: reading the fcc rule book (rtfm!), i gather that any  
organization can enter into a contract with the fcc to be a vec,  
and accredit ve's. so, how does one become a w5fy (?) ve? how  
do arrl and w5fy ve's differ?

--

krishna s. sampath, phd....sr. research associate...kss@lenz.eng.ohio-state.edu  
ohio state u, electroscience lab.....(614) 292-7981 (w).....(614) 292-7297 (f)  
1320 kinneear rd, columbus, oh 43212....06/93 EE PHD NEEDS EMI/EMC/COMPUTING JOB

-----

Date: 23 Aug 93 16:28:44 GMT  
From: timbuk.cray.com!hemlock.cray.com!acp@uunet.uu.net  
Subject: WANTED: Fisher R-200-B FM-AM Multi-Band Shortwave Tuner

To: info-hams@ucsd.edu

I'm looking for a Fisher R-200-B FM-Stereo, AM Multi-Band Short Wave Tuner.

This tuner was made in the mid-sixties and featured 3 short wave bands as well as the traditional AM and FM bands. It's appearance is quite similar to other tuners of that vintage.

Other Fisher components I'm looking for are the model 400-CX Stereo Master Control (Pre-Amp) and the model SA-1000 Stereo Power Amp.

If you should have any of these components or know of where I might be able to find them I'd appreciate hearing from you.

Thanks

Tony Peterson (612) 422-8889 or (612) 683-5621 acp@palm.cray.com

-----  
Date: Mon, 23 Aug 1993 16:24:55 GMT  
From: saimiri.primate.wisc.edu!sdd.hp.com!hpscit.sc.hp.com!hplextra!hplb!hpwin052!  
hpqmoea!dstock@ames.arpa  
Subject: Want Ten Tec OMNI elmer / help!  
To: info-hams@ucsd.edu

I don't know the Omni, but I've had a few Corsairs apart. Something fishy on one band only would send me looking for a dud switch contact as a first effort.

Pin diodes are super el-thicko devices with very very slow reaction times. Before they realise that the applied voltage has reversed, they have conducted backwards for a long time. Turning a PIN diode on with a little DC forwards current creates charge carriers in the "I" region of undoped semiconductor, making it conductive. HF signals are so fast that the diode can carry AC currents exceeding the DC bias current. The diode just sees the average current which is the forwards bias current as the ac signal has an average of zero. This still holds good irrespective of the amplitude of the HF signal.

Things only go wrong if our RF signal is too low in freq for the diode concerned, and it starts to rectify it a little. At very low frequencies it behaves like a low quality normal diode.

As long as the freq is favourable, the PIN diode looks like a 2 terminal RF resistor whose impedance is programmed by its DC current.

for a typical small sig device, it could present about one Ohm to the RF with 10-20mA DC bias, and look like 1pF if the bias is switched off. The device just looks like an increasing resistance as the bias is reduced until the stay C dominates. Any of the usual techniques for making attenuators out of variable resistors can now be used.

I'm surprised at using a PIN on 160m, most are starting to react down there, a common rule of thumb for average pins is to use them above 10MHz if you want good low distortion.

Cheers

David GM4ZNX

-----  
Date: (null)

From: (null)

--

-John LeRoy

email: tijc02!jceng1!jkl141@uunet.uu.net

phone: 1-404-509-9851

-----  
End of Info-Hams Digest V93 #1005

\*\*\*\*\*